

CLAIMS

WHAT IS CLAIMED IS:

1. A bariatric patient management system comprising:

5 a body supporting main frame having a mattress supporting surface, said main frame including at least one of an extensible side pull out extension and an extensible end pull out extension to increase an area of the mattress supporting
10 surface;

 a plurality of ground engaging wheels disposed on said main frame to facilitate a transporting of the bariatric patient management system; and

 a plurality of actuators to effect a change in
15 a contour of the mattress supporting surface of said main frame.

2. The bariatric patient management system according to Claim 1, wherein said main frame includes a
20 backrest section, a middle section, a leg section, and a foot section.

3. The bariatric patient management system according to Claim 2, wherein the actuation of one of
25 said actuators causes an inclination of one of the backrest section, the leg section, and the foot section.

4. The bariatric patient management system according to Claim 1, further comprising a trapeze base frame having a two-point mounting configuration.
- 5 5. The bariatric patient management system according to Claim 4, wherein said trapeze base frame includes a pivotally mounted trapeze boom.
- 10 6. The bariatric patient management system according to Claim 1, further comprising at least one load cell mounted between said wheels and said main frame, said at least one load cell adapted to provide a weight of the bariatric patient management system.
- 15 7. The bariatric patient management system according to Claim 1, wherein said actuators are at least one of a push type and a pull type.
- 20 8. The bariatric patient management system according to Claim 1, wherein said actuators are electric type actuators.
- 25 9. The bariatric patient management system according to Claim 1, wherein said actuators are hydraulic type actuators.

10. A bariatric patient management system comprising:

5 a main frame having a backrest section, a middle section, a leg section, and a foot section cooperating to form a mattress supporting surface, each of the backrest section, the middle section, the leg section and the foot section including at least one extensible side pull out extension to increase a width of the mattress supporting surface;

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a plurality of ground engaging wheels disposed on said main frame to facilitate a transporting of the bariatric patient management system; and

15 a plurality of actuators, an actuation of at least one of said actuators causing an inclination of one of the backrest section, the leg section, and the foot section to effect a change in a contour of the mattress supporting surface.

20 11. The bariatric patient management system according to Claim 10, further comprising a trapeze base frame having a two-point mounting configuration.

25 12. The bariatric patient management system according to Claim 11, wherein said trapeze base frame includes a pivotally mounted trapeze boom.

13. The bariatric patient management system according to Claim 10, further comprising at least one load cell mounted between said wheels and said main frame, said at least one load cell adapted to provide a weight of the bariatric patient management system.

14. The bariatric patient management system according to Claim 10, wherein said main frame includes an extensible end pull out extension to increase a length of the mattress supporting surface.

15. The bariatric patient management system according to Claim 10, wherein said actuators are at least one of a push type and a pull type.

16. The bariatric patient management system according to Claim 10, wherein said actuators are electric type actuators.

20. 17. The bariatric patient management system according to Claim 10, wherein said actuators are hydraulic type actuators.

18. A bariatric patient management system comprising:

a main frame having a first end and a second end;

5 a backrest section disposed on said main frame adjacent the first end, said backrest section including at least one backrest panel;

a middle section disposed on said main frame adjacent said backrest section, said middle section
10 including at least one middle panel;

a leg section disposed on said main frame adjacent said middle section, said leg section including at least one leg panel;

a foot section disposed on said main frame
15 adjacent the leg section and the second end of said main frame, said foot section including at least one foot panel, the backrest panel, the middle panel, the leg panel, and the foot panel cooperating to form a mattress supporting surface,

20 a backrest side pull out extension slidably disposed in a side of the backrest section;

a middle side pull out extension slidably disposed in a side of the middle section;

a leg side pull out extension slidably
25 disposed in a side of the leg section;

a foot side pull out extension slidably disposed in a side of the foot section, said backrest side pull out extension, said middle side pull out extension, said leg side pull out

extension, and said foot side pull out extension cooperating to increase a width of the mattress supporting surface;

5 a plurality of ground engaging wheels disposed on said main frame to facilitate a transporting of the bariatric patient management system;

a backrest actuator linked to said backrest section, an actuation of said backrest actuator causing an inclination of said backrest section;

10 a leg actuator linked to said leg section, an actuation of said leg actuator causing an inclination of said leg section;

a foot actuator linked to said foot section, an actuation of said foot actuator causing an inclination of said foot section.

19. The bariatric patient management system according to Claim 18, wherein said main frame includes a telescoping end pull out extension to increase a length of the mattress supporting surface.

20. The bariatric patient management system according to Claim 18, further comprising at least one load cell mounted between said wheels and said main frame, said at least one load cell adapted to provide a weight of the bariatric patient management system.